

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10 (CANCELED)

11. (WITHDRAWN) A program translating device comprising:

an encode unit encoding a source code of a program of one of an interpreter and a compiler, said program being described by using a label; and

an exception handling unit performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

12. (WITHDRAWN) A program translating method comprising:

encoding a source code of a program of one of an interpreter and a compiler, said program being described by using a label; and

performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

13. (WITHDRAWN) A computer readable medium storing a translating program for making a computer function as a program translating device when the computer executes the program, said translating program comprising:

encoding a source code of a target program of one of an interpreter and a compiler, said target program being described by using a label; and

performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

14-15 (CANCELED)

16. (WITHDRAWN) A computer program for making a computer function as a program translating device when the computer executes the program, said program comprising:

encoding a source code of a target program of one of an interpreter and a compiler, said target program being described by using a label; and

performing, when said encoded source code includes an invalid address, an exception handling for replacing said invalid address with a valid address.

17. (NEW) A device for executing a program including at least one source code with a label, comprising:

a translating unit translating a source code with a label into a code including a memory address corresponding to the label,

wherein said translating unit sets the memory address in the code to an address value for performing exception handling:

an executing unit to execute the code;

a label table storing a real memory address value of a memory, which is used for executing the code; and

an exception handling unit starting only when said executing unit detects the address value for performing exception handling in the code during executing the code, and performing exception handling for re-writing the address value for performing exception handling in the code into the real memory address value after reading out the real memory address value from said label table, based on the address value for performing exception handling or the label included in the source code, so that when said executing unit detects the real memory address value in the code, said executing unit executes the code, without performing the exception handling.

18. (NEW) A method for executing a program including at least one source code with a label, comprising:

translating a source code with a label into a code including a memory address corresponding to the label, and setting the memory address in the code to an address value for performing exception handling;

executing the code; and

starting exception handling only when the address value for performing exception handling in the code is detected during executing the code, said exception handling including

reading out a real memory address value of a memory, which is used for executing the code, from a label table storing the real memory address value, based on the address value for performing exception handling or the label included in the source code, and

re-writing the address value for performing exception handling in the code into the real memory address value, so that when the real memory address value in the code is detected during executing the code, the code is executed without performing said exception handling.

19. (New) A computer readable medium storing a program for executing a target program including at least one source code with a label, said program comprising the steps of:

translating a source code with a label into a code including a memory address corresponding to the label, and setting the memory address in the code to an address value for performing exception handling;

executing the code; and

starting exception handling only when the address value for performing exception handling in the code is detected during executing the code, said exception handling including

reading out a real memory address value of a memory, which is used for executing the code, from a label table storing the real memory address value, based on the address value for performing exception handling or the label included in the source code, and

re-writing the address value for performing exception handling in the code into the real memory address value, so that when the real memory address value in the code

is detected during executing the code, the code is executed without performing said exception handling.

20. (New) A computer program for executing a target computer program including at least one source code with a label, said computer program comprising the steps of:

translating a source code with a label into a code including a memory address corresponding to the label, and setting the memory address in the code to an address value for performing exception handling;

executing the code; and

starting exception handling only when the address value for performing exception handling in the code is detected during executing the code, said exception handling including

reading out a real memory address value of a memory, which is used for executing the code, from a label table storing the real memory address value, based on the address value for performing exception handling or the label included in the source code, and

re-writing the address value for performing exception handling in the code into the real memory address value, so that when the real memory address value in the code is detected during executing the code, the code is executed without performing said exception handling.